

# W8C

Compact three-way mid-high system

## features

- ▶ Very high SPL capability
- ▶ Compact arrayable trapezoid cabinet
- ▶ Three-way horn loaded system
- ▶ Constant 55° dispersion
- ▶ Switchable active/passive HF
- ▶ Load certified MAN flying points

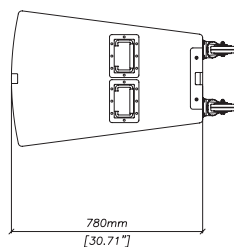
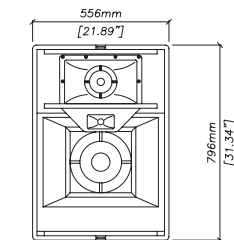
## applications

- ▶ Live sound – concert halls, theatres, open-air venues
- ▶ Fixed installations – multi-purpose auditoria, theatres, sports arenas

The award-winning Wavefront W8C is lightweight and compact. It can be rigged quickly to deliver outstanding power and performance in smaller configurations than was previously possible with other loudspeakers. Audience experience is enhanced by true musicality, warmth and intelligibility - even at high SPL's.

Ground-breaking three-way technology marries a low-mid horn-loaded 12" (300mm) cone drive unit with a unique combination of 6.5" (165mm) high-mid driver loaded by toroidal phase plug and horn plus a 1" (25mm) exit HF device, optimised for very high frequencies. The result - a remarkably clean, transparent sound, far lower distortion and increased overall output, without pushing any element to the limit.

## overall dimensions



W8C



## technical specifications

TYPE	Three-way full-range trapezoid, switchable active/passive HF
FREQUENCY RESPONSE (5)	120Hz-18kHz $\pm$ 3dB -10dB @ 100Hz
DRIVERS	12" (300mm) low-mid horn 6.5" (165mm) high-mid horn 1" (25mm) exit HF compression driver
RATED POWER (2)	Low-mid: 300W AES, 1200W peak High-mid/(High-mid + HF): 150W AES, 600W peak HF: 60W AES, 240W peak
RECOMMENDED AMPLIFIER	400-550W into 4 ohms
SENSITIVITY (6)	Low-mid: 106dB High-mid/(High-mid + HF): 108dB HF: 107dB
MAXIMUM SPL (7)	129dB continuous, 135dB peak
NOMINAL IMPEDANCE	LF: 8 ohms High-mid/(High-mid + HF): 16 ohms HF: 16 ohms
DISPERSION (-6dB)	55° horizontal, 30° vertical
CROSSOVER	750Hz active, 3.5kHz active/passive
FINISH	Textured grey paint
PROTECTIVE GRILLE	Grey perforated steel
CONNECTORS	2 x Neutrik NL8, 2 x EP8
FITTINGS	4 x MAN Flying points
DIMENSIONS (inc. wheels)	(W) 556mm x (H) 799mm x (D) 780mm (911mm) (W) 21.9ins x (H) 31.5ins x (D) 30.7ins (35.9ins)
WEIGHT	71kg (156.5lbs)

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touring and theatre